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IDS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gil KATZ, et al.

Serial No.: 09/996,625

Filed: November 28, 2001

For: SPECTROSCOPIC FLUID ANALYZER



) Art Unit: (N/A)

) Examiner: (N/A)

) Washington, D.C.

) January 8, 2002

) Docket No.: U 013743-3

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

☒ 1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:

(Check one of the boxes A-D)

☒ A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

☐ B. before the mailing date of a first office action on the merits.

☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary certification (box "i" below) or paid the necessary fee (box "ii" below).

(check one of the boxes "i" and "ii" below:)

☐ i. Counsel certifies that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ ii. A check for the fee set forth in 1.17(p), presently believed to be \$240, is enclosed (check no. \_\_\_\_\_).

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. A check for the fee set forth in §1.17(i), presently believed to be \$130 is enclosed (check no. \_\_\_\_\_). Counsel certifies that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☒ 2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

☐ A. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.

☐ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon under 35 U.S.C. 120:

[insert serial numbers and filing dates of prior applications]

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO-1449 from the files of the prior application(s) or a fresh PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☒ 3. Document Russian Patent No.: RU 2077198 is not in the English language. In accordance with 1.98(c), Applicant states:

☒ An English translation of each document Russian Patent No.: RU 2077198 (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is found in the attached search report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows:  
[Insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.

☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

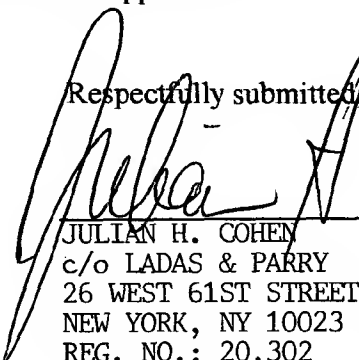
☐ 5. Other information being provided for the examiner's consideration follows:

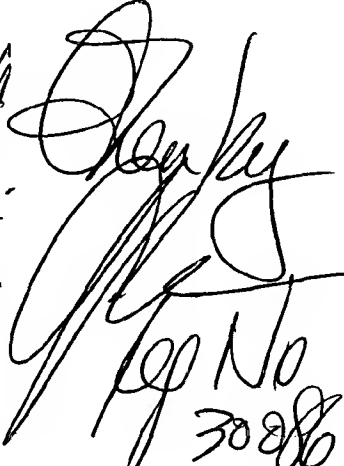
6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

**CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS**

Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

Respectfully submitted,

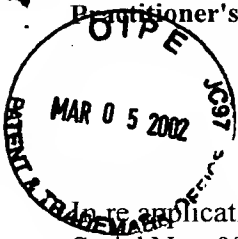
  
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App No  
30886

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Practitioner's Docket No. U 013743-3

*PATENT*



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **GIL KATZ, et al.**

Serial No.: 09/996,625

Group No.: - -

Filed: NOVEMBER 28, 2001

Examiner: - -

For: SPECTROSCOPIC FLUID ANALYZER

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)**

I hereby certify that the attached correspondence comprising:  
INFORMATION DISCLOSURE STATEMENT  
FORM PTO-1449  
TWENTY (20) REFERENCES


is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

on January 29, 2002

CLIFFORD J. MASS  
(type or print name of person mailing paper)

  
\_\_\_\_\_  
Signature of person mailing paper

FORM PTO-1449 (Colb)	ATTY DOCKET NO. U 013743-3	SERIAL NUMBER 09/996,625
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Gil KATZ, et al.	
	FILING DATE November 28, 2001	GROUP ART UNIT (N/A)

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	5,581,086	Dec. 1996	Ben-menachem	250	343	
	AB	5,116,119	May 1992	Brayer	356	28	
	AC	5,816,190	Oct. 1998	Van derLely	119	14.08	
	AD	5,743,209	Apr. 1998	Bazin, et al.	119	14.08	
	AE						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AF	WO 98/02720	Jan. 1998	WO			Yes
	AG	WO 98/43070	Oct. 1998	WO			Yes
	AH	RU 2077198	Apr. 1997	RU			No

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AI	<a href="http://www.foodsci.uoguelph.ca/dairyedu/chem.html">http://www.foodsci.uoguelph.ca/dairyedu/chem.html</a> , October 24, 2001.
	AJ	Manabu Kitazawa, et al., "Ultraviolet generation at 266 nm in a novel organic nonlinear optical crystal: L-pyrrolidone-2-carboxylic acid", Appl. Phys. Lett. , 64(19), May 9, 1994.
	AK	Jun Kawamata, et al., "Salient nonlinear optical properties of novel organic crystals comprising $\pi$ conjugated ketones", Appl. Phys. Lett. 66(23), June 5, 1995.
	AL	Kazuhiya Yamamoto, et al., "High power blue light generation by frequency doubling of a laser diode in a periodically domain-inverted LiTaO3 waveguide", Appl. Phys. Lett. 62(21), May 24, 1993.
	AM	Kiminori Mizuuchi, et al., "Second-harmonic generation of blue light in a LiTaO3 waveguide", Appl. Phys. Lett. 58(24), June 17, 1991.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Colb)	ATTY DOCKET NO. U 013743-3	SERIAL NUMBER 09/996,625
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	AA						
	AB						
	AC						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AD	EP 728413	Aug. 1996	EP			Yes
	AE	EP 595409	May 1994	EP			Yes

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AF	R.W. Verhoef, et al., "Repulsive interactions of potassium on Re(001)", J. Chem. Phys. 106(22), June 8, 1997.
	AG	E.D. Mishina, et al., "Local probing of the polarization state in thin Pb(ZrTi)O <sub>3</sub> films during polarization reversal", Appl. Phys. Lett. 78(6), February 5, 2001.
	AH	Beth L. Smiley, et al., "Near UV optical second harmonic generation studies of surface-adsorbed tryptophan residues", J. Chem. Phys. 103(8), August 22, 1995.
	AI	R. Tsenkova, et al., "Near Infra-Red Spectroscopy for Dairy Management: Measurement of Unhomogenized Milk Composition", Published in Journal of Dairy Science, Vol. 82, pp. 2344-2351.
	AJ	Z. Schmilovitch, et al., "Fresh raw Milk Analysis by NIR Spectroscopy", Published in Proceedings of the International Symposium on the Prospects for Automatic Milking, Wageningen, Netherlands, EAAP Publication No. 65, pp. 193-198, 1992.
	AK	Z. Schmilovitch, et al., "Low Cost Near Infra-red Sensor for On-Line Milk Composition Measurement", Published in the Proceedings of the XIV Memorial CIGR World Congress, 2000, Tsukuba, Japan.

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